

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To: 100011 22/F, Great Eagle Centre, 23 Harbour Road Wanchai, HONG KONG, P.R. China CHINA PATENT AGENT(H.K.) LTD
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PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43 *bis*.1)

Applicant's or agent's file reference <p style="text-align: center;">FPEL05150005</p>		FOR FURTHER ACTION <p style="text-align: center;">see paragraph 2 below</p>	
International application No. <p style="text-align: center;">PCT/CN2005/000263</p>	International filing date (<i>day/month/year</i>) <p style="text-align: center;">05.Mar 2005(05.03.2005)</p>	Priority date (<i>day/month/year</i>)	
International Patent Classification (IPC) or both national classification and IPC <p style="text-align: center;">IPC⁷ : H04L29/06</p>			
Applicant <p style="text-align: center;">INTEL CORPORATION et al</p>			

Date of mailing
 10 NOV 2005 (10 · 11 · 2005)

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1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/CN The State Intellectual Property Office, the P.R.China 6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China 100088 Facsimile No. 86-10-62019451	Date of completion of this opinion <p style="text-align: center;">13.Oct.2005(13.10.2005)</p>	Authorized officer <p style="text-align: center;">Liu Jipeng</p> Telephone No. 86-10-62084594
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Box No. 1 Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of :
 - a. type of material
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material
 - ☐ on paper
 - ☐ in electronic form
 - c. time of filing/furnishing
 - ☐ contained in the international application as filed
 - ☐ filed together with the international application in electronic form
 - ☐ furnished subsequently to this Authority for the purposes of search
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

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Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement:

Novelty (N)	Claims 1-22	YES
	Claims	NO
Inventive step (IS)	Claims 1-22	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-22	YES
	Claims	NO

2. Citations and explanations

Independent Claims 1, 8, 14 and 19 respectively disclose a method, a server device, a computer-readable medium and a system for server side flow control. Wherein the server transmits the plurality of packets of data to the multiple client devices using a TFTP protocol, and the server applies one or more flow control techniques not defined by the multicast TFTP.

D1 and D2 are considered to be the closest prior art:

D1: US, A1, 2002083156

D2: EP, A2, 1248436

D1 discloses a method for the TFTP server transmits file to the multiple network devices, the TFTP server uses a TFTP protocol;

D2 discloses a data transfer network, wherein a TFTP server communicates with multiple network devices, the TFTP sever uses a TFTP protocol too.

D1 and D2 don't disclose the character that the server applies one or more flow control techniques not defined by the multicast TFTP. So claim 1 and dependent claims 2-7, claim 8 and dependent claims 9-13, claim 14 and dependent claims 15-18, claim 19 and dependent claims 20-22 have the novelty, comply with PCT article 33(2);

Claims 1-22 are not obvious to a person skilled on the basis of D1 or D2 or their combination, thus they have inventive step under PCT Article 33(3);

Claims 1-22 comply with PCT article 33(4), having industrial applicability.